IN THE SPECIFICATION:

Please replace the paragraph beginning at page 2, line 1 as follows:

The above object with respect to the method is achieved by the characteristic features of ~~claim 1~~ the present invention and with respect to the characteristic features of a filter ~~filter by the characteristic features of claim 4;~~according to the present invention.

Please replace the paragraph beginning at page 2, line 17, as follows:

Advantageous embodiments of the invention are apparent from the ~~dependent claims and the~~following description of the present invention. In the drawing:

FIG. 1 shows a FIR filter according to the state of the art,

FIG. 2 shows an improved filter arrangement with adder stages for the filter coefficients,

FIG. 3 shows one of the adder stages with three adders,

FIG. 4 alternatively shows an adder stage with one adder,

FIG. 5 alternatively shows an adder stage with selectable filter coefficients,

FIG. 6 shows a flow chart of the determination of the filter coefficients,

FIG. 7 shows a computation scheme for the multiplication by filter coefficients according to the state of the art,

FIG. 8 shows a computation scheme for the multiplication by a quantized filter coefficient,

FIG. 9 shows the quantity response for the evaluation of 4 "1" bits per coefficient,

FIG. 10 shows the quantity response for an evaluation of 3 "1" bits per coefficient,

FIG. 11 shows the quantity response for the evaluation of 2 "1" bits per coefficient,

FIG. 12 shows the quantization error in scaling factors between 1.5 and 2.3, <u>and</u>

FIG. 13 shows a multiplier for the multiplication by squares.